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August 19, 2005

Examiner Thomas M. Sember  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: Information Disclosure Statement

Dear Mr. Sember:

As we discussed, we received the attached correspondence from your office. Our office has no record of this Application, so we believe that this may have been sent to us in error.

Should you have any questions, please do not hesitate to contact me.

Very truly yours,

Snell & Wilmer



Cynthia L. Pillote

CLP:sgm

Enclosure

1715498.1

Snell & Wilmer is a member of LEX MUNDI, a leading association of independent law firms.



O I P E  
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United States Patent and Trademark Office  
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P.O. Box 1450  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,025	07/31/2003	Pang-Lun Yang	39524.7200	9357
20322 CLP 7590	07/28/2005			
EXAMINER				
SEMBER, THOMAS M				
ART UNIT		PAPER NUMBER		
2875				

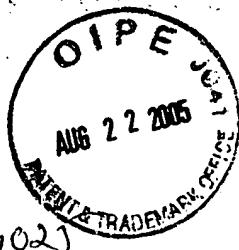
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**AUG 09 2005**

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**SNELL & WILMER**

Please find below and/or attached an Office communication concerning this application or proceeding.



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10-632,021

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER

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AUG 09 2005

ART UNIT

PAPER

100428

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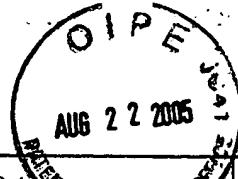
DATE MAILED:

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Commissioner for Patents

PTO-1449 (IDS) FILED ON 11/13/2001 HAS BEEN SIGNED AND CONSIDERED. ITS COPY IS ATTACHED TO THIS COMMUNICATION.

DUNG A LE  
Primary Examiner  
Art Unit: 2818



SHEET 1 OF 2

Form PTO-146 Department of Commerce & TRADEMARK Patent and Trademark Office  INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION  (Use several sheets if necessary)	Docket No. PAT034US		Serial No. Unassigned 09/993239
	Applicants Anselm et al.		
	Filing Date Herewith	Group Art Unit Unassigned 2818	

101105  
09/993239  
11/13/01

U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Dle	4,949,350	08/14/99	Jewell et al.	1		
	5,031,187	07/09/91	Orenstein et al.	1		
	5,115,442	05/19/92	Lee et al.	1		
	5,193,098	03/09/93	Welch et al.	1		
	5,219,785	06/15/93	Welch et al.	1		
Dle	5,256,596	10/26/93	Ackley et al.	1		

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)						
Dle	Qian, Y. et al., "Long Wavelength (1.3 $\mu$ m) Vertical-Cavity Surface-Emitting Lasers With a Wafer-Bonded Mirror and an Oxygen-Implanted Confinement Region," <i>Appl. Phys. Lett.</i> , Vol. 71, No. 1, (1997), pp. 25-27.					
Dle	Ridgway, M. C., et al., "Single-Step Implant Isolation of p <sup>+</sup> -InP with 5-MeV O Ions," <i>Appl. Phys. Lett.</i> , Vol. 60, No. 24, (1992), pp. 3010-3012.					
Dle	Huffaker, D. L. et al., "Native-Oxide Defined Ring Contact for Low Threshold Vertical-Cavity Lasers," <i>Appl. Phys. Lett.</i> , Vol. 65, No. 1, (1994), pp. 97-99.					
Dle	Lee, Y. H. et al., "Top-Surface-Emitting GaAs Four-Quantum-Well Lasers Emitting at 0.85 $\mu$ m", <i>Electronics Letters</i> , Vol. 26, No. 11, (1990), pp. 710-711.					
EXAMINER	Dle	DATE CONSIDERED	7-2005			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

Form PTO-1449 Department of Commerce Patent and Trademark Office  INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION  (Use several sheets if necessary)	Docket No. PAT034US	Serial No. Unassigned 09/993 239
	Applicant Anselm <i>et al.</i>	
	Filing Date Herewith	Group Art Unit Unassigned 2818

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Dle</i>	5,328,854	07/12/94	Vakhshoori <i>et al.</i>	1		
<i>Dle</i>	5,594,751	01/14/97	Scott, Jeffrey W.	2		
<i>Dle</i>	5,764,674	06/09/98	Hibbs-Brenner <i>et al.</i>	3		
<i>Dle</i>	5,893,722	04/13/99	Hibbs-Brenner <i>et al.</i>	4		
<i>Dle</i>	6,044,100	03/28/00	Hobson <i>et al.</i>	5		
<i>Dle</i>	6,169,756 B1	01/02/01	Chirosky <i>et al.</i>	6		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO

## OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Dle</i>	Choquette, K. D., <i>et al.</i> , "Low Threshold Voltage Vertical-Cavity Lasers Fabricated by Selective Oxidation," <i>Electronics Letters</i> , Vol. 30, No. 24, (1994), pp. 2043-2044.
<i>Dle</i>	Deng, H. and Deppe, D. G., "Oxide-Confining Vertical-Cavity Laser With Additional Etched Void Confinement," <i>Electronics Letters</i> , Vol. 32, No. 10, (1996), pp. 900-901.

EXAMINER	<i>Dle</i>	DATE CONSIDERED	<i>7/2005</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.